5/23/83

A2575-1

American Petroleum Institute
2101 L Street, Northwest
Washington, D.C. 20037

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 64 **For Week Ended** *MAY* 13, 1983 **NO.** 19

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 05/13/83	Last Week Ending: 05/06/83	Last Year Week Ending: 05/14/82	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units *	11,745	11,955	11,886	- 210	- 141
Operable capacity	16,854	16,854	17,492	0	- 638
Percent operated	69.7	70.9	68.0		
Motor Gasoline					
Total motor gasoline production	6,497	6,305	6,210	+ 192	+ 287
Finished leaded motor gasoline production	2,881	2,718	*N/A*	+ 163	*N/A*
Finished unleaded motor gasoline production	3,616	3,587	*N/A*	+ 29	*N/A*
Total motor gasoline stocks	224,457	227,469	216,303	- 3,012	+ 8,154
Finished leaded motor gasoline stocks	90,894	91,783	*N/A*	- 889	*N/A*
Finished unleaded motor gasoline stocks	93,561	94,973	86,294	- 1,412	+ 7,267
Distillate Fuel Oil					
Distillate fuel oil production	2,501	2,340	2,647	+ 161	- 146
Distillate fuel oil stocks	108,317	106,906	108,401	+ 1,411	- 84
Residual Fuel Oil					
Residual fuel oil production	1,049	1,126	1,084	- 77	- 35
Residual fuel oil stocks	47,829	45,637	52,594	+ 2,192	- 4,765
Imports					
Crude oil imports	2,718	2,921	2,714	- 203	+ 4
Product imports	1,885	1,663	1,155	+ 222	+ 730
Crude Oil Stocks					
Crude oil stocks	360,350	357,846	361,256	+ 2,504	- 906

* *SCHEDULED AND UNSCHEDULED SHUTDOWNS CAUSED DECREASES OF* 135,000 *BBL. PER DAY IN THE INDIANA, ILLINOIS, KENTUCKY DISTRICTS AND* 214,000 *BBL. PER DAY IN THE LOUISIANA GULF COAST DISTRICT.*

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.

NA-Not Available

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,155	919	989	1,569	63.0
Appal. No. 1	93	86	86	98	87.8
DISTRICT 1 TOTAL	1,248	1,005	1,075	1,667	64.5
Appal. No. 2	56	51	56	66	84.8
Ind., Ill., Ky.	1,808	1,625	1,698	2,399	70.8
Minn., Wis., Daks.	221	213	221	293	75.4
Okla., Kans., Mo.	799	687	704	858	82.1
DISTRICT 2 TOTAL	2,884	2,576	2,679	3,616	74.1
Inland Texas	462	431	450	592	76.0
Texas Gulf Coast	3,271	2,848	2,918	4,164	70.1
La. Gulf Coast	1,995	1,741	1,776	2,748	64.6
N. La. and Ark.	233	215	215	314	68.5
New Mexico	77	62	64	117	54.7
DISTRICT 3 TOTAL	6,038	5,297	5,423	7,935	68.3
DISTRICT 4 TOTAL	439	399	401	553	72.5
DISTRICT 5 TOTAL	2,287	2,128	2,167	3,083	70.3
TOTAL U.S.	12,896	11,405	11,745	16,854	69.7
TAL U.S.					
Weeks Ended:					
MAY 6, 1983	12,916	11,709	11,955	16,854	70.9
MAY 14, 1982	12,704	11,601	11,886	17,492	68.0
DISTRICTS 1–4					
Weeks Ended:					
MAY 13, 1983	10,609	9,277	9,578	13,771	69.6
MAY 6, 1983	10,666	9,612	9,820	13,771	71.3
MAY 14, 1982	10,635	9,537	9,809	14,408	68.1

API WEEKLY STATISTICAL BULLETIN
Week Ended *MAY* 13, 1983

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline		Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	629	204	425	18	31	229	101
Appal. No. 1	33	15	18	1	--	23	4
DISTRICT 1 TOTAL	662	219	443	19	31	252	105
Appal. No. 2	32	16	16	1	--	15	1
Ind., Ill., Ky.	1,164	506	658	15	123	284	76
Minn., Wis., Daks.	138	70	68	2	2	47	6
Okla., Kans., Mo.	486●	296●	190	15	15	161	8
DISTRICT 2 TOTAL	1,820●	888●	932	33	140	507	91
Inland Texas	254	133	121	28	25	96	22
Texas Gulf Coast	1,453	626	827	48	178	668	225
La. Gulf Coast	932	386	546	12	144	401	156
N. La. and Ark.	69	36	33	14	--	60	16
New Mexico	46	25	21	13	1	20	1
DISTRICT 3 TOTAL	2,754	1,206	1,548	115	348	1,245	420
DISTRICT 4 TOTAL	185	99	86	20	19	110	8
DISTRICT 5 TOTAL	1,076	469	607	52	213	387	425
TOTAL U.S.	6,497	2,881	3,616	239	751	2,501	1,049
TOTAL U.S. **Weeks Ended:**							
MAY 6, 1983	6,305●	2,718●	3,587	232	774	2,340	1,126
MAY 14, 1982	6,210	*N/A*	*N/A*	167	719	2,647	1,084
DISTRICTS 1-4 **Weeks Ended:**							
MAY 13, 1983	5,421	2,412	3,009	187	538	2,114	624
MAY 6, 1983	5,341●	2,318●	3,023	168	555	2,033	721
MAY 14, 1982	5,411	*N/A*	*N/A*	138	529	2,304	739

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.
[2]Includes Grade No. 4 fuel oil.

NA-Not Available

● *SEE REVISIONS ON PAGE* 8.

API WEEKLY STATISTICAL BULLETIN
Week Ended *MAY* 13, 1983

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	5,539	2,935	2,604	--	128	949	4,481	2,291	--
Central Atlantic	29,114	11,756	13,204	4,154	589	4,798	18,230	14,254	12,123
Lower Atlantic	28,379	14,364	13,809	206	249	4,659	13,536	3,384	586
DISTRICT 1 TOTAL	63,032	29,055	29,617	4,360	966	10,406	36,247	19,929	12,709
DISTRICT 2 TOTAL	65,263●	28,043●	27,823	9,397	1,409	7,594	32,103	4,348	19,812
DISTRICT 3 TOTAL	62,901	21,779	24,529	16,593	2,845	10,484	27,629	12,323	50,386
DISTRICT 4 TOTAL	7,915	2,966	1,771	3,178	323	698	2,610	477	3,186
DISTRICT 5 TOTAL	25,346	9,051	9,821	6,474	1,522	6,135	9,728	10,752	24,615
TOTAL U.S.	224,457	90,894	93,561	40,002	7,065	35,317	108,317	47,829	110,708
TOTAL U.S. Weeks Ended:									
MAY 6, 1983	227,469●	91,783●	94,973	40,713	7,093	35,957	106,906	45,637	112,490
MAY 14, 1982	216,303	*N/A*	86,294	*N/A*	6,151	36,362	108,401	52,594	119,043
DISTRICTS 1-4 Weeks Ended:									
MAY 13, 1983	199,111	81,843	83,740	33,528	5,543	29,182	98,589	37,077	86,093
MAY 6, 1983	201,370●	82,887●	84,631	33,852	5,427	29,795	97,436	36,141	87,330
MAY 14, 1982	191,928	*N/A*	77,897	*N/A*	5,012	30,075	97,145	43,909	91,141

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

NA-Not Available

● *SEE REVISIONS ON PAGE* 8.

WEEKLY STATISTICAL BULLETIN
Week Ended *MAY* 13, 1983

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Latest Dept. of Energy *DEC* 1982.	Crude Oil Imports[1] Total	From Canada	Crude Oil Stocks By Location[1]
	---------- Daily Average ----------				
DISTRICTS 1-4 TOTAL					
MAY 13, 1983	5,906.0	5,821.0	2,444	242	272,051
MAY 6, 1983	5,893.5●	--	2,776	236	272,390
APR. 29, 1983	5,893.5●	--	2,348	273	270,450
APR. 22, 1983	5,893.5●	--	3,134	198	264,856
DISTRICT 5 TOTAL					
MAY 13, 1983	2,820.5	2,780.0	274	7	88,299 *
MAY 6, 1983	2,818.5●	--	145	--	85,456
APR. 29, 1983	2,818.5●	--	334	14	87,693
APR. 22, 1983	2,818.5●	--	37	7	87,317
TOTAL U.S.					
MAY 13, 1983	8,726.5	8,601.0	2,718	249	360,350 *
MAY 6, 1983	8,712.0●	--	2,921	236	357,846
APR. 29, 1983	8,712.0●	--	2,682	287	358,143
APR. 22, 1983	8,712.0●	--	3,171	205	352,173
MAY 14, 1982	8,711.7/A	--	2,714	142	361,256

*INCLUDES 30,799 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

/A DOE ACTUAL FOR MAY 1982.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1–4	District 5	Total U.S.
Weeks Ended:							
MAY. 13, 1983	17,626	80,167	159,150	15,108	272,051	88,299 *	360,350 *
MAY. 6, 1983	17,279	79,626	160,491	14,994	272,390	85,456	357,846
MAY. 14, 1982	19,976	81,035	161,577	14,803	277,391	83,865	361,256

[1]See definitional notes, Page 6.

● *SEE REVISIONS ON PAGE* 8.

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	L.P.G.	Unfinished Oil[3]	Other	Total
New England	70	61	9	--	--	--	18	5	--	--	93
Central Atlantic	336	290	46	--	12	45	406	5	54	43	901
Lower Atlantic	--	--	--	--	--	--	164	--	--	--	164
DISTRICT 1 TOTAL											
MAY 13, 1983	406	351	55	--	12	45	588	10	54	43	1,158
MAY 6, 1983	206	150	56	--	14	88	660	9	216	92	1,285
APR. 29, 1983	84	28	56	--	26	51	814	--	2	71	1,048
APR. 22, 1983	124	53	71	--	10	60	522	2	40	88	846
DISTRICTS 2-4 TOTAL											
MAY 13, 1983	40	40	--	--	--	4	9	172	335	57	617
MAY 6, 1983	6	6	--	--	--	--	16	174	29	74	299
APR. 29, 1983	10	10	--	--	--	--	36	240	73	100	459
APR. 22, 1983	33	33	--	--	4	4	36	66	103	75	321
DISTRICT 5 TOTAL											
MAY 13, 1983	67	59	8	--	3	6	11	15	--	8	110
MAY 6, 1983	39	32	7	--	1	7	12	12	--	8	79
APR. 29, 1983	65	57	8	--	3	7	11	4	--	8	98
APR. 22, 1983	32	25	7	--	3	6	13	2	--	7	63
TOTAL U.S.	513	450	63	--	15	55	608	197	389	108	1,885
TOTAL U.S. Weeks Ended:											
MAY 6, 1983	251	188	63	--	15	95	688	195	245	174	1,663
APR. 29, 1983	159	95	64	--	29	58	861	244	75	179	1,605
APR. 22, 1983	189	111	78	--	17	70	571	70	143	170	1,230
MAY 14, 1982	145	N/A	67	--	7	78	557	160	195	13	1,155

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Includes Grade No. 4 fuel oil.

[3]See definitional notes, Page 6.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

ESTIMATED DAILY AVERAGE PRODUCTION OF CRUDE OIL AND LEASE CONDENSATE

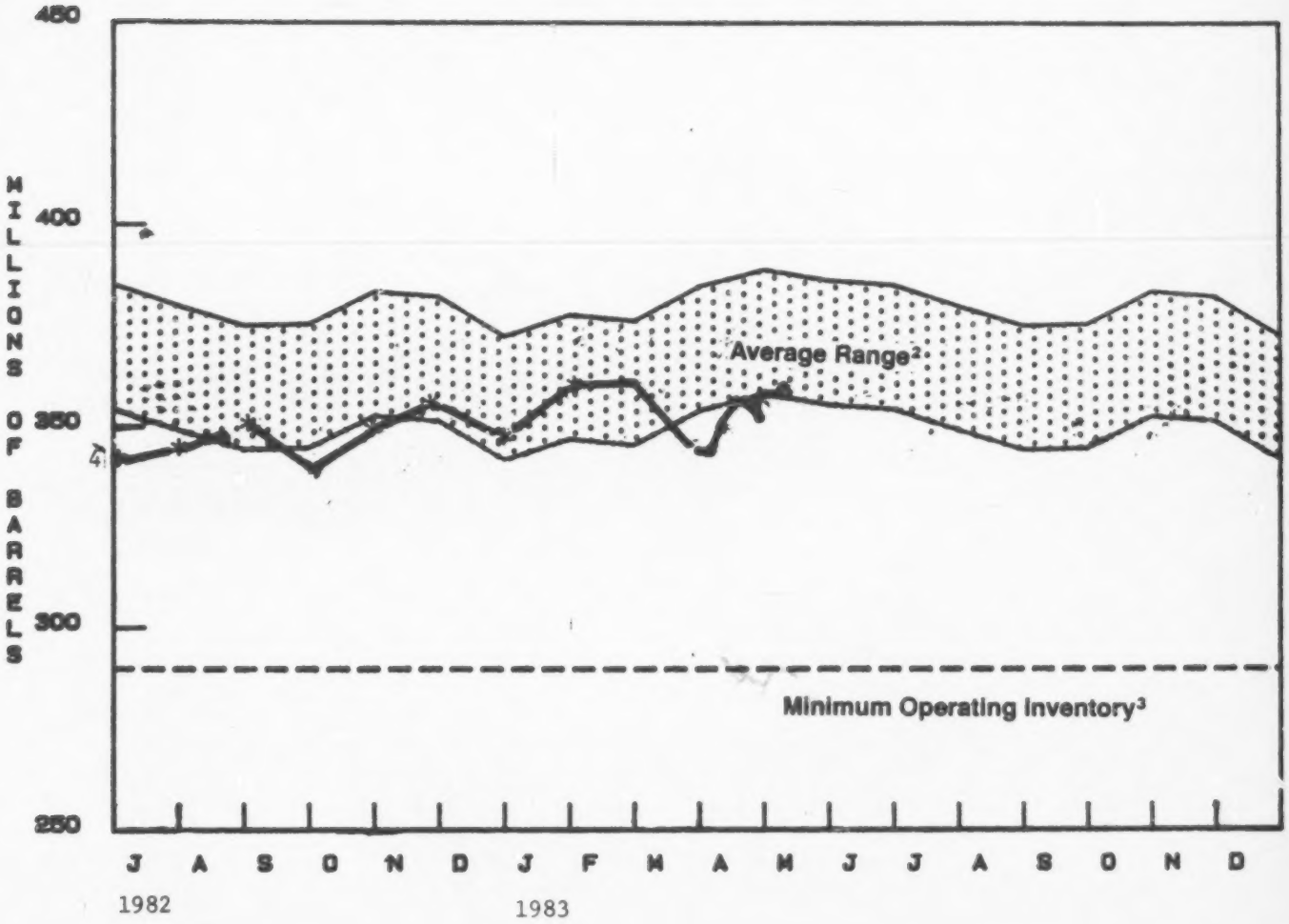
(In thousands of 42—gallon barrels)

	API Estimated Production		Dept. of Energy
	April 1983	March 1983	Dec. 1982
Florida	65.0	65.0	66.0
New York-Pennsylvania	12.0	12.0	12.0
Virginia	-	-	-
West Virginia	9.5	8.0	10.0
Illinois	83.0	83.0	78.0
Indiana	13.0	13.0	13.0
Kansas	197.0	198.5	188.0
Kentucky	18.5	18.4	18.0
Michigan	85.0	85.0	78.0
Missouri-Tennessee	4.0	4.0	4.0
Nebraska	18.5	18.0	18.0
Ohio	37.0	37.0	37.0
Oklahoma	430.0	432.0	427.0
North Dakota	140.0	139.5	141.0
South Dakota	3.0	3.0	3.0
Alabama	55.0	56.0	56.0
Arkansas	52.0	52.0	52.0
Mississippi	87.0	88.0	86.0
New Mexico-So. East	191.0	191.0	153.0
New Mexico-Other	15.0	15.0	18.0
North Louisiana	95.0	98.0	93.0
South Louisiana	1,200.0	1,191.0	1,204.0
Total Louisiana	1,295.0	1,289.0	1,297.0
Texas			
District 1	68.0	70.0	68.0
District 2	110.0	112.0	111.0
District 3	370.0	370.0	370.0
District 4	75.0	76.0	77.0
District 5	21.0	21.0	23.0
District 6, East Texas Field	142.0	143.0	143.0
Other	114.0	115.0	114.0
District 7-B	96.0	95.0	91.0
District 7-C	101.0	100.0	94.0
District 8 and 8-A	1,268.0	1,272.0	1,258.0
District 9	104.0	105.0	103.0
District 10	54.0	55.0	60.0
Total Texas	2,523.0	2,534.0	2,512.0
Colorado	82.0	83.0	77.0
Montana	84.0	84.5	83.0
Utah	65.0	65.0	65.0
Wyoming	329.0	329.0	329.0
Total Dists. 1-4	5,893.5	5,902.9	5,821.0
Alaska	1,715.5	1,728.2	1,682.0
Arizona	1.0	1.0	1.0
California	1,100.0	1,095.0	1,095.0
Nevada	2.0	2.0	2.0
Total Dist. 5	2,818.5	2,826.2	2,780.0
Total U.S.	8,712.0	8,729.1	8,601.0

REVISIONS

4/29/83	PAGE 2	TOTAL MGAS	OKLA., KANS., MO.	421
			DISTRICT 2 TOTAL	1,751
			TOTAL U.S.	6,433
			DISTRICTS 1-4	5,458
		LEADED MGAS	OKLA., KANS., MO.	293
			DISTRICT 2 TOTAL	857
			TOTAL U.S.	2,908
			DISTRICTS 1-4	2,500
	PAGE 3	TOTAL MGAS	DISTRICT 2 TOTAL	66,315
			TOTAL U.S.	224,804
			DISTRICTS 1-4	198,824
		LEADED MGAS	DISTRICT 2 TOTAL	28,231
			TOTAL U.S.	90,968
			DISTRICTS 1-4	82,292
5/06/83	PAGE 2	TOTAL MGAS	OKLA., KANS., MO.	429
			DISTRICT 2 TOTAL	1,698
			TOTAL U.S.	6,305
			DISTRICTS 1-4	5,341
		LEADED MGAS	OKLA., KANS., MO.	247
			DISTRICT 2 TOTAL	841
			TOTAL U.S.	2,718
			DISTRICTS 1-4	2,318
	PAGE 3	TOTAL MGAS	DISTRICT 2 TOTAL	66,986
			TOTAL U.S.	227,469
			DISTRICTS 1-4	201,370
		LEADED MGAS	DISTRICT 2 TOTAL	29,206
			TOTAL U.S.	91,783
			DISTRICTS 1-4	82,887

Crude Oil Stocks at Primary Level[1] [5]



[1]Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2]Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

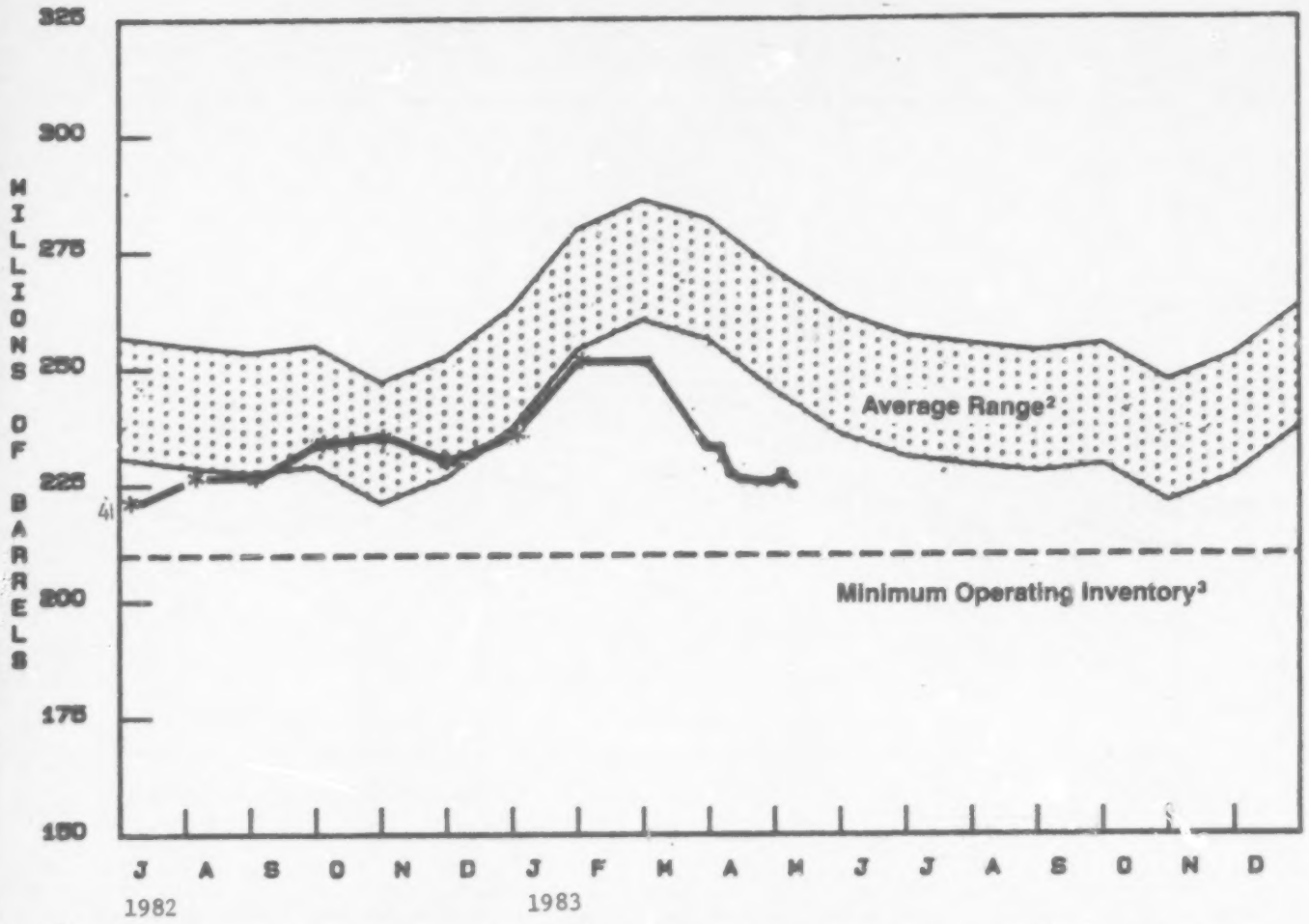
[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended May 13, 1983

Motor Gasoline Stocks at Primary Level[1,5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

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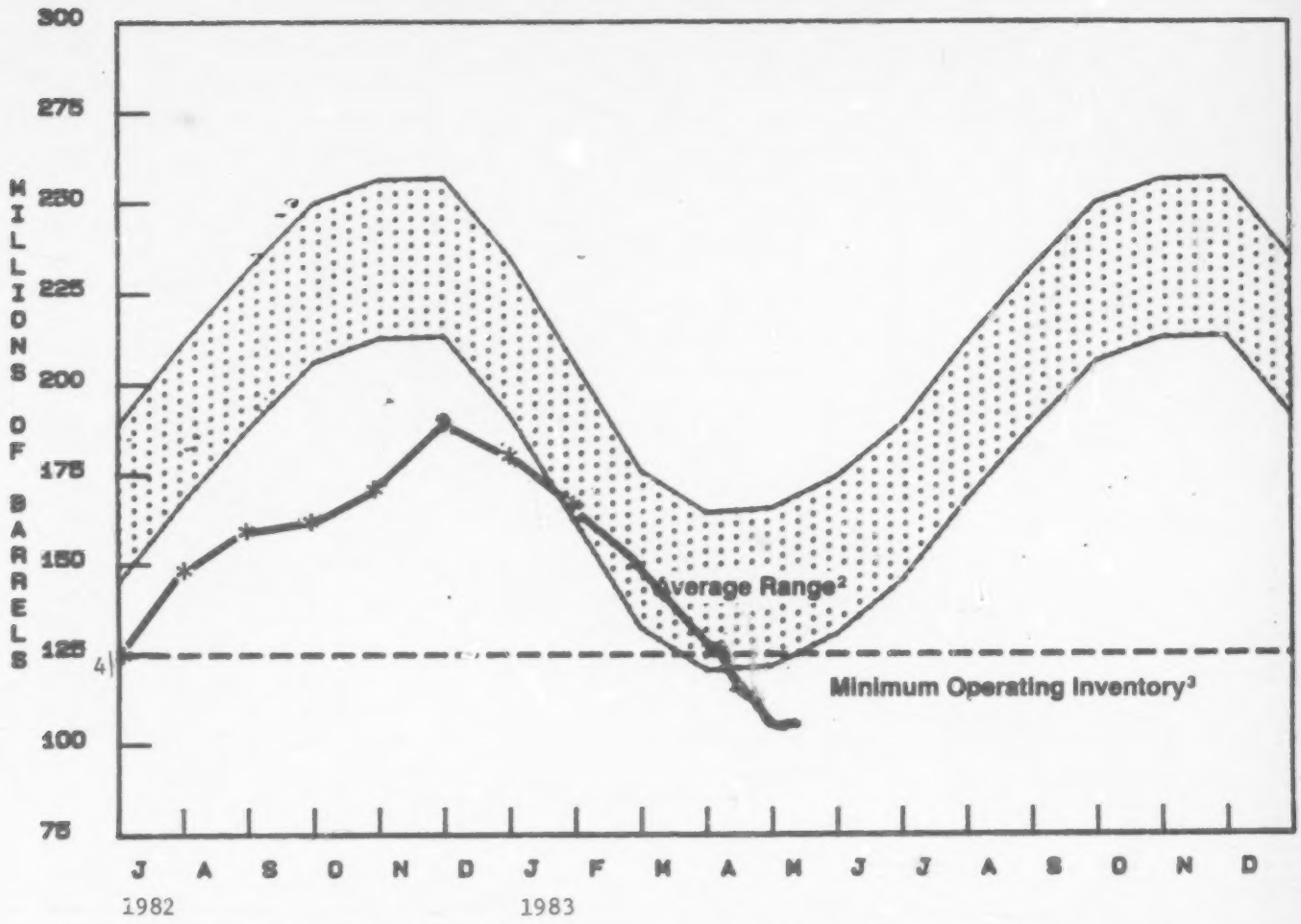
Week Ended May 13, 1983

Distillate Fuel Oil Stocks at Primary Level[1] [5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

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